

MIAMI-DADE COUNTY, FLORIDA METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1603 MIAMI, FLORIDA 33130-1563 (305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Andersen Corporation 100 Fourth Ave. North Bayport, MN 55003-1096

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series FWG "Frenchwood Gliding" Wood Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. **DADE-FWG-IMPACT**, titled "UNIT, FWG – IMPACT", sheets 1 through 4 of 4, dated 2/19/00 with revision B dated 4/25/00, prepared by the manufacturer, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 00-1011.08 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No 03-0415.17 Expiration Date: June 22, 2008 Approval Date: May 15, 2003 Page 1

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **DADE-FWG-IMPACT**, titled "UNIT, FWG IMPACT", sheets 1 through 4 of 4, dated 2/19/00 with revision B dated 4/25/00, prepared by the manufacturer.

B. TESTS

Submitted under NOA#00-1011.08

- 1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of a wood sliding glass door, prepared by Architectural Testing Inc., Test Report No. **ATI-02-31214.01**, dated 04/28/99, with addendum letter dated 05/12/2000, all signed and sealed by Allen N. Reeves, P.E.

C. CALCULATIONS

1. Anchor calculations and comparative analysis, dated 4/09/03.

Submitted under NOA#00-1011.08

2. Fastener Installation Analysis Report, Project #99-0208, dated February 19, 1999, with revision #1 dated May 19, 2000, prepared, signed and sealed by Richard Boyette, P.E.

D. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 02-0828.15 issued to E. I. Dupont DeNemours., for "Dupont Butacite ® PVB", approved on 11/21/02 expiring on 12/11/05.
- 2. Notice of Acceptance No. 01-1205.02, issued to Solutia Inc., for "Saflex / Keepsafe Maximum", approved on 5/17/01 expiring on 05/21/06.

E. STATEMENTS

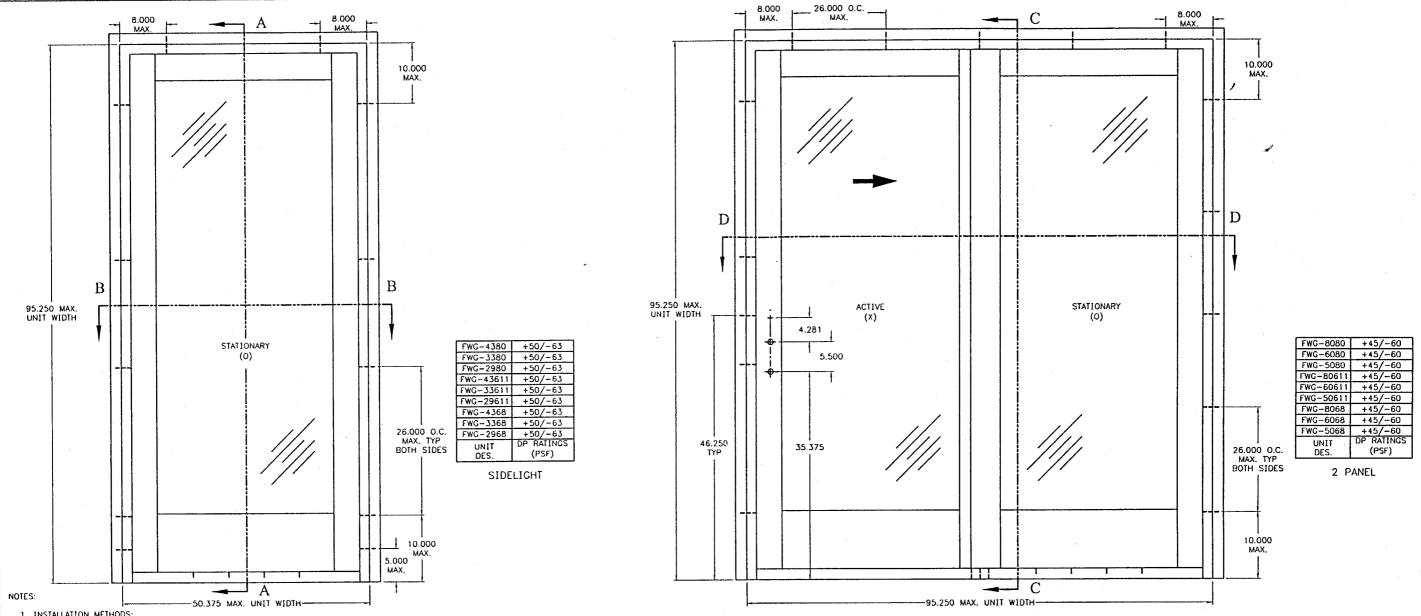
1. Statement letter of no change, issued by Andersen Corporation, signed by Chris Richner, dated 4/10/03.

F. OTHER

Notice of Acceptance No. **00-1011.08** issued to Andersen Corporation, for their Series FWG "Frenchwood Gliding" Wood Sliding Glass Door, approved on 06/07/2001 and expiring on 06/22/2003.

Manuel Perez, P.E. Product Control Examiner NOA No 03-0415.17

Expiration Date: June 22, 2008 Approval Date: May 15, 2003



1. INSTALLATION METHODS:

WOOD BUCK: THE SILL IS SET IN SILICONE BACK BEDDING AND THE 2 PANEL SILLS ARE SECURED WITH THREE #10 X 2-1/2" WOOD SCREWS OR TAPCONS.

THE JAMBS ARE SECURED WITH FOUR OR FIVE \$10 X 2-1/2" WOOD SCREWS OR TAPCONS THROUGH EACH JAMB INTO OPENING.

THE HEAD IS SECURED WITH TWO TO FIVE \$10 X 2-1/2" WOOD SCREWS OR TAPCONS THROUGH HEAD INTO OPENING SPACED 8" FROM EACH JAMB AND 26" O.C. MAX.

MASONARY: TAPCON SPACING AND LOCATION IS THE SAME AS WOOD SCREW SPACING AND LOCATION.

2. GLAZING SPECIFICATIONS:

HEAT STRENGTHENED: THE UNITS UTILIZE 3/8" THICK LAMINATED CLASS FABRICATED & COMPOSED OF TWO NOMINAL 5/32" HEAT STRENTHENED SHEETS WITH A .090" PVB GRAY OR CLEAR INNER LAYER MANUFACTRED BY DUPONT OR SOLUTIA.

ANNEALED: THE UNITS UTILIZE 17/32" (.532) NOMINAL THICK LAWINATED GLASS FABRICATED & COMPOSED OF TWO NOMINAL 7/32" ANNEALED SHEETS WITH A .090" GRAY OR CLEAR PVB INNER LAYER MANUFACTURED BY DUPONT OR SOLUTIA.

GLAZING METHOD:

GLASS IS SET FROM THE INTERIOR AGAINST ONE OR TWO COMPONENT SILICONE BEDBEDDING AND THEN THE GLASS IS BACKGLAZED WITH SILICONE, WOOD STOPS ARE USED ON THE INTERIOR, SECURED WITH 1-1/2" FINISHING NAILS SPACED 8" ON CENTER.

- 3. CLASS BITE = .563".
- 4. FRAME CONSTRUCTION:

CORNERS ARE COPED, BUTTED, GLUED & FASTENED USING FOUR #10 X 2-1/2" WOOD SCREWS PER HEAD JAMB CORNER AND THREE #10 X 2-1/2" WOOD SCREWS PER SILL JAMB CORNER. THE SILL FILLER BELOW THE STATIONARY PANEL IS REINFORCED WITH THREE OR FOUR 2" & 3/8" RIBBED ALUMINUM ANGLES (RETAINING BLOCK) POSITIONED 2". 24", 42" & 46" FROM FRAME JAMB AND IS SECURED TO THE SILL WITH SIX

5. PANEL CONSTRUCTION:

THE WOOD PANELS CONTAIN BLIND MORTISE AND TENON, DOWEL, SECURED AND GLUED CORNER CONSTRUCTION. THE STATIONARY PANEL IS SECURED TO THE FRAME WITH FOUR OR SIX #8 X 1" SCREWS THROUGH THE SILL INSERT FLANGE INTO PANEL. THE TOP RAIL OF THE STATIONARY PANEL IS SECURED TO THE FRAME WITH A 1-3/4" X 1-5/8" ANGLE METAL BRACKET. THE BRACKET IS SECURED WITH TWO #8 X 1" SCREWS INTO THE PANEL & THREE #8 X 1" SCREW INTO THE FRAME.

THE OPERATING PANEL WAS HELD IN THE GUIDE TRACK USING A 1/2" X 1/2" WOOD/VINYL GLIDE STOP WHICH WAS SECURED TO THE FRAME WITH #8 X 1-1/2" LONG SCREWS SPACED 8" ON CENTER.

6. WEATHERSTRIPPING:

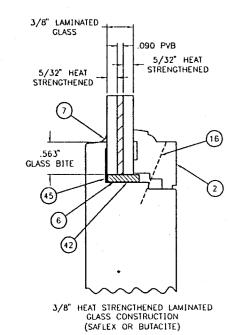
.531" VINYL FLAP, 2 ROWS AT MEETING STILES, ONE ROW EACH STILE. .275" VINYL LEAF, ONE ROW AT STATIONARY PANEL JAMB & HEAD. .250" DIAMETER VINYL BULB, ONE ROW AT OPERATING PANEL MEETING STILE.

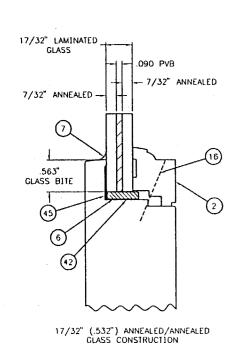
PRODUCT RENEWED as complying with the Florida Buiding Code Acceptance No 03-Expiration Date JUNE 22, 2008

Miam/Dade Product Control Division/

APPROVED AS COMPLYING WITH THE PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 00 - 10 11.08

UNIT, FWG - IMPACT W, Andersen Corporation Bayport, Minnesota 55003 8 4/25/00 A 2/19/99 COPYRIGHT ANDERSEN CORPORATION 1998. ALL RIGHTS RESERVED. 2/19/00 DRAWING NUMBER REVISION DADE-FWG-IMPACT OF





FWG-8080	48.000	92.141			
FWG-6080	36.000	92.141			
FWG-5080	30.000	92.141			
FWG-80611	48.000	79.016			
FWG-60611	36 000	79.016			
FWG-50611	30.000	79.016			
FWG-8068	48.000	76.141			
FWG-6068	36.000	76.141			
FWG-5068	30.000	76.141			
FWG-4380	48.000	92.141			
FWG-3380	36.000	92.141			
FWG-2980	30.000	92.141			
FWG-43611	48.000	79.016			
FWG-33611	36.000	79.016			
FWG-29611	30.000	79.016			
FWG-4368	48.000	76.141			
FWG-3368	36.000	76.141			
FWG-2968	30.000	76.141			
UNIT DES.	WIDTH	HEIGHT			
PANEL DIMENSIONS					

FWG-8080	95.250	95.500		
FWG-6080	71.250	95.500		
FWG-5080	59.250	95.500		
FWG-80611	95.250	82.375		
FWG-60611	71.250	82.375		
FWG-50611	59.250	82.375		
FWG-8068	95.250	79.500		
FWG-6068	71.250	79.500		
FWC-5068	59.250	79.500		
FWG-4380	50.000	95.500		
FWG-3380	38.000	95.500		
FWG-2980	32.000	95.500		
FWG-43611	50.000	82.375		
FWG-33611	38.000	82.375		
FWG-29611	32.000	82.375		
FWC-4368	50.000	79.500		
FWG-3368	38.000	79.500		
FWG-2968	32.000	79.500		
UNIT DES.	WIDTH	HEIGHT		
UN	IT DIMENSIO	NS		

FWC-8080	5	5	
FWG-6080	5	3	
FWG-5080	5	3	
FWG-80611	4	5	
FWG-60611	4	3	
FWG~50611	4	3	
FWG-8068	4	5	
FWG-6068	4	3	
FWG-5068	4	3	
FWG-4380	5	2	
FWG~3380	5	2	
FWG-2980	5	2	
FWG-43611	4	2	
FWG-33611	4	2	
FWG-29611	4	2	
FWG-4368	WG-4368 4		
FWG-3368 4		2	
FWG-2968 4		2	
UNIT DES.	# OF SCREWS THROUGH EACH JAMB	# OF SCREWS THROUGH HEAD JAMB	

ITEM #	OTY.	DESCRIPTION	LOCATION			
17	8-10	NAIL, FINISH 4D 1.500"	ATTACHMENT OF TRIM TO SIDE JAMB			
4.8	6	BOLT, 0.250" X 0.750"	ATTACHMENT OF SILL FILLER TO SILL			
50	4	SCREWS, #10 X 0.375	ATTACHMENT OF RETAINING BLOCK SILL (1 PER BLOCK)			
18	14	SCREWS, #10 X 2.500*	ATTACHMENT OF SIDE JAMBS TO HEAD JAMBS AND SILL			
37	4-6	SCREWS, #8 X 1.000"	ATTACHMENT OF STATIONARY PANEL TO FILLER			
49	10-12	SCREWS, #8 X 0.750"	ATTACHMENT OF SIDE STOP TO SIDE JAMB (SIDELIGHT)			
37	12-14	SCREWS, #8 X 1.000"	ATTACHMENT OF SILL FILLER TO BOTTOM RAIL			
37	5	SCREWS, #8 X 1.000"	ATTACHMENT OF BRACKET TO STATIONARY PANEL & HEAD JAMB			
36	6-12	SCREWS, #8 X 1.500"	ATTACHMENT OF INSIDE STOP TO HEAD JAMB			
40	1	BRACKET	ATTACHMENT OF STATIONARY PANEL TO FRAME			
	BEAD	SILICONE	ATTACHMENT OF SIDE JAMBS TO HEAD JAMB			

ITEM #	OTY.	DESCRIPTION	LOCATION	
38	38 11 SCREWS, #7 X 0.625"		ATTACHMENT OF STATIONARY INTERLOCK W/S TO PANEL	
		ATTACHMENT OF STILES TO RAILS (STATIONARY ONLY)		
-	- 2 DOWEL, Ø.438 X 5.000° ATTACHMENT OF TOP RAIL TO STILES			
2 DOWEL, Ø.438 X 6.500" ATTACHMENT OF		DOWEL, Ø.438 X 6.500"	ATTACHMENT OF BOITOM RAIL TO STILES	
16 12 NAIL, FINISH 1.500"		NAIL, FINISH 1.500"	ATTACHMENT OF INSIDE CLASS STOP TO RAILS	
16	20	NAIL, FINISH 1.500"	ATTACHMENT OF INSIDE GLASS STOP TO STILES	
7	7 BEAD SILICONE EXTERNAL FILLET BETWEEN GLASS & PANEL SUF		EXTERNAL FILLET BETWEEN GLASS & PANEL SURROUND	
42	BEAD	SILICONE	ATTACHMENT OF GLASS TO STILES & RAILS (BED GLAZING)	
10 000		SILICONE	ATTACHMENT OF GLASS TO STILES & RAILS (BACK GLAZING)	

тем #	QTY.	DESCRIPTION	LOCATION		
38	11	SCREWS, #7 X 0.625"	ATTACHMENT OF OPERATOR INTERLOCK W/S TO PANEL		
37	14	SCREWS, #8 X 1.000"	ATTACHMENT OF BOTTOM RAIL FILLER TO PANEL		
_	2	DOWEL, Ø.438 X 5.000"	ATTACHMENT OF TOP RAIL TO STILES		
-	2	DOWEL, Ø.438 X 6.500"	ATTACHMENT OF BOTTOM RAIL TO STILES		
17	8-10	NAIL, FINISH 4D 1.500"	ATTACHMENT OF TRIM TO STILE		
16	12	NAIL, FINISH 1.500"	ATTACHMENT OF INSIDE GLASS STOP TO RAILS		
16	20	NAIL, FINISH 1.500"	ATTACHMENT OF INSIDE GLASS STOP TO STILES		
7	BEAD	SILICONE	EXTERNAL FILLET BETWEEN GLASS & PANEL SURROUND		
42	BEAD	SILICONE	ATTACHMENT OF GLASS TO STILES & RAILS (BED GLAZING)		
45	BEAD	SILICONE	ATTACHMENT OF GLASS TO STILES & RAILS (BACK GLAZING)		

51	1/4" DIAMETER TAPCON	T	STEEL	T -	T	
50	SCREW, #10 X .375"		STEEL	0.375	0.134	
49	SCREW, #8 X .750"		STEEL	-	_	
48	BOLT, .250" X .750"		STEEL	0.250	0.750	
47	JAMB, SIDE, SIDE LIGHT ASSEMBLY	50289	PINE/VINYL	1.375	5.875	
46	STOP, OUTSIDE SIDE LIGHT	50231	ALUMINUM	0.438	1.031	
45	SEALANT (DC 983-2 / DC 3-0117)	MDS0012/33	SILICONE			
44	JAMB, HEAD	51006	PINE	5.875	1.375	
43	PARTING STOP BRACKET	51051	ALUMINUM	0.632	6.000	
42	SEALANT (DC 983-2) / (DC9-1350)	MDS0012/42	SILICONE			
41	SCREWS, #8 X 1" FLAT HD	3620910	STEEL			
40	BRACKET	51173	STEEL.	1.718	1.657	
39	.250" DIAMETER SILICONE BULB	51019	SILTCONE	-	_	
38	SCREW, #7 X .625"	3621100	STEEL			
37	SCREW, #8 X 1.000"	3621110	STEEL		_	
36	SCREW, #8 X 1.500"	3621250	STEEL	_	_	
35	FLANGE, HEAD	50061	VINYL		_	
34	GUIDE, SCREEN	50101	VINYL	1.125	0.988	
33	FLASHING, HEAD	50053	ALUM]NUM	1.312	1.335	
32	STOP, HEAD PARTING	51039	VINYL	1.030	0.391	
31	STOP, HEAD INSIDE	51036	PINE/VINYL	0.765	0.719	
30	RAIL, TOP STATIONARY	51021	PINE	4.438	1.719	
29	RAIL, TOP OPERATING	51021	PINE	4.438	1.719	
28	STOP, GLAZING RAILS	51195	PINE	0.500	0.875	
27	RAIL, BOTTOM RAIL STATIONARY	51020	PINE	8.594	1.719	
26	RAIL, BOTTOM RAIL OPERATING	51020	PINE	8.594	1.719	
25	ASSEMBLY, WHEEL	51052	STEEL	-	-	
24	FILLER, BOTTOM RAIL OPERATING	51050	VINYL	1.855	0.931	
23	BLOCK, RETAINING	51013	ALUMINUM	-	-	
22	FILLER, SILL	51203	VINYL	2.300	1.774	
21	SILL, INSIDE PIECE	50095	ALUMINUM	1.937	1.164	
20	SILL, OUTSIDE PIECE	50154	ALUMINUM	0.448	3.297	
19	BREAK, THERMAL SILL	50354	VINYL	1.888	1.938	
18	WOOD SCREW, #10 X 2.500" OR TAPCON	3620470	STEEL	_	-	
17	NAIL, FINISH 4D		STEEL			
16	NAIL, FINISH 1.500"	20093	STEEL			
15	PLATE, STRIKE	2573562	STEEL			
14	INTERLOCK, OPERATING	51019	VINYL	0.738	1.925	
13	INTERLOCK, STATIONARY	51148	VINYL	0.738	1,144	
12	LOCK, REACH OUT	2573588	STEEL			
-11	JAMB, OPERATING SIDE	50022	PINE	5.875	1.375	
10	JAMB, STATIONARY SIDE	50017	PINE	5.875	1.375	
9	TRIM, JAMB	51151	PINE	3.141	0.344	
8	HANDLE	2573514-5	BRASS			
7	SEALANT (DC 791)	MDS0034/35/36	SILICONE	0.775		
6	SPACER, GLASS	20065	VINYL	0.375	1.000	
5	GLASS, LAMINATED	04170	11//		1.719	
4	STILE, SIDE TRIM, STILE	51022	LVL PINE	4.438 2.000	0.367	
3 2	STOP, GLAZING SIDE	51152	PINE	0.500	0.875	
1	FLANGE, SIDE	51196 50347	VINYL	1.644	0.873	
	FLANGE, SIDE	30347	ATMIL	1.044	0.430	
ITEM #	DESCRIPTION	PART	MATERIAL	HEIGHT	WIDTH	
DRAWING REFERENCE LIST						

ALL PARTS MANUFACTURED TO ANDERSEN SPECIFICATION AS NOTED BY ABOVE PART NUMBERS

APPROVED AS COMPLYING WITH THE PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. DO-1011.08

PRODUCT RENEWED as complying with the Florida Buiding Code

Acceptance No 03-0415 Expiration Date JUNE 20

Division

Andersen Corporation

W.

2/19/00 DADE-FWG-IMPACT sнт. 2 оғ 4

UNIT, FWG - IMPACT

B 4/25/00 A 2/19/99 REVISION

